



2100 Pennsylvania Avenue, NW
Washington, DC 20037-3213

T 202.293.7060
F 202.293.7860

www.sughrue.com

Mark Boland

T (202) 293-7060
mboland@sughrue.com

December 2, 2003

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Re: Application of Yoshihiro UETANI, Keisuke KII and Satoshi NISHIKAWA
CROSSLINKING POLYMER-SUPPORTED POROUS FILM FOR BATTERY
SEPARATOR AND METHOD FOR PRODUCING BATTERY USING THE
SAME

**Assignees: NITTO DENKO CORPORATION and SUNSTAR
ENGINEERING INC.**

Our Ref. Q78640

Dear Sir:

Attached hereto is the application identified above comprising thirty-one (31) sheets of the specification, including the claims and abstract. **The requisite U.S. Government Filing Fee and copies of an executed Declaration and Power of Attorney and Assignment will be submitted at a later date.** Also enclosed is an Information Disclosure Statement and PTO/SB/08 A & B (modified).

The Government filing fee is calculated as follows:

Total claims	<u>12</u>	-	20	=	<u> </u>	x	\$18.00	=	<u>\$0.00</u>
Independent claims	<u>2</u>	-	3	=	<u> </u>	x	\$86.00	=	<u>\$0.00</u>
Base Fee									<u>\$770.00</u>
TOTAL FEE									<u>\$770.00</u>



SUGHRUE MION, PLLC

Attorney Docket No.: Q78640

December 2, 2003

Page 2

Priority is claimed from:

Country

Application No

Filing Date

Japan

2002-350223

December 2, 2002

The priority document will be filed at a later date.

Respectfully submitted,
SUGHRUE MION, PLLC

Attorneys for Applicant

By:

John Callahan Reg. No. 32,607
for Mark Boland
Registration No. 32,197

SUGHRUE MION, PLLC

Telephone: (202) 293-7060

Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

MXB/nv